



MI-CW2423

Michigan Crop Weather

June 12, 2023

Field Crops

The first measurable rain in weeks showed up Sunday which helped to alleviate the abnormally dry weather thus far in the 2023 growing season, according to Marlo D. Johnson, Director of the Great Lakes Regional Office of the National Agricultural Statistics Service. There were 6.5 days suitable for fieldwork in Michigan during the week ending June 11, 2023. According to the latest U.S. Drought Monitor, counties in the north-central and southern most counties in the Lower Peninsula were in moderate drought while the rest of the Lower Peninsula's major crop growing counties were abnormally dry. Despite the welcomed Sunday rain, fields needed additional precipitation. First cutting **hay** was reported to be of good quality but short on tonnage. Growers were concerned about regrowth and prospects for additional cuttings due to lack of rainfall. **Corn, soybean and wheat** conditions all suffered due to lack of moisture. **Dry bean** growers continued to plant the 2023 crop. Some growers waited to plant until after Sunday's rains because topsoil was too dry. Fire conditions remain rated in the 'extreme' category in Northern Michigan.

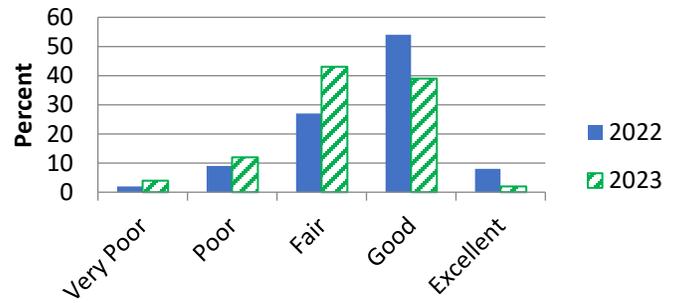
Fruit

Lack of precipitation increasingly became problematic, especially in small fruit and young trees. Many farmers have been irrigating for some time and expected to continue for the foreseeable future. In the Southwest, **apples** ranged from 22-30 mm; June drop was underway. In the Southeast, King fruit observed in Novi, Fenton and Romeo were in the 22-24 mm range, while in Almont fruitlets were closer to 15 mm. In the West Central, apple fruit ranged from 14 - 25 mm in size. In the Northwest, Gala and Honeycrisp measured 12 mm. In the Southwest, Montmorency **tart cherries** averaged 13 mm and were starting to show a hint of straw color. Crop potential for the area was still good, but reportedly less than full in West Central and Northwest Michigan. Farmers began hand thinning **peaches** in the South. In the Southwest, peach fruit size averaged about 30 mm; June drop was occurring. In the Southeast, peach pits at Fenton and Romeo were still soft enough to be cut through with a knife with sizes up to 25 mm. In the Northwest, peach fruitlets were 18 - 20 mm. In the South, **blueberry** bloom finished. Many varieties began showing green fruit.

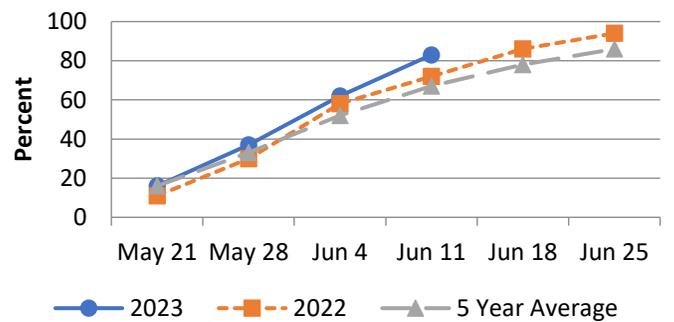
Vegetables

Early field plantings of several vegetable crops were at or nearing harvest as growers contended with protracted hot and arid weather conditions. Among the crops approaching harvest were **broccoli** and **zucchini**. Plantings of fall **pumpkins** and **hard squash** had commenced, and **sweet corn** succession plantings continued. Transplanting of **peppers** into plastic mulch was ongoing. Meanwhile, the heat was leading to an increase in size for **summer squash** and **tomatoes**. Pest activity was beginning to pick up on **celery** and **onions**, as was weed growth in **asparagus** fields, prompting further use of insecticides and herbicides.

Winter Wheat Condition



Soybeans Emerged



Crop Condition: Week Ending 06/11/23

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Corn	4	16	42	35	3
Soybeans	5	20	45	27	3
Winter Wheat	4	12	43	39	2
Barley	0	32	40	28	0
Oats	9	25	41	24	1
Sugarbeets	5	10	35	41	9
Range and Pasture	16	37	32	14	1

Crop Progress: Week Ending 06/11/23

Crop/Activity	Percent Completed			
	This week	Last week	Last year	5 Year average
Days Suitable for Fieldwork	6.5	6.9	-	-
Corn Planted	97	91	96	90
Corn Emerged	89	72	84	75
Soybeans Planted	98	92	89	81
Soybeans Emerged	83	62	72	67
Winter Wheat Headed	86	58	81	71
Barley Planted	84	75	89	77
Barley Emerged	79	58	73	60
Dry Edible Beans Planted	76	28	57	41
Dry Edible Beans Emerged	38	1	4	11
Alfalfa Hay 1st Cutting	72	40	51	46
Other Hay 1st Cutting	74	23	28	25
Oats Emerged	94	87	92	85
Oats Headed	14	2	9	8

Soil Moisture: Week Ending 06/11/23

Item	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture	43	48	9	0
Subsoil moisture	47	39	14	0

Weather Summary For Michigan

Week Ending 2023-06-11

Since April 1

	Week Ending 2023-06-11						Since April 1					
	Temperature			Precipitation			Precipitation			GDD Base 50		
	High	Low	Avg	DFN	Total	Days	Total	DFN	Days	Total	DFN	
Upper Peninsula												
HANCOCK HOUGHTON COUNTY AP	77	40	56	-1	0.00	0	4.44	-0.79	24	337	128	
IRONWOOD	84	37	59	-1	0.07	1	10.52	3.56	27	413	130	
CHATHAM EXPERIMENT FARM 2	85	35	56	-3	0.00	0	9.39	3.14	22	282	46	
Northwest LP												
BEULAH 7SSW	80	44	62	0	0.23	1	4.47	-3.01	23	520	153	
FRANKFORT 2NE	77	48	62	1	0.12	1	4.18	-2.73	17	549	226	
TRAVERSE CITY CHERRY CAPITAL AP	81	44	61	-1	0.37	1	4.30	-2.12	20	537	193	
Northeast LP												
ALPENA COUNTY REGIONAL AP	81	46	61	1	0.21	3	5.53	-0.47	22	378	95	
GAYLORD 9SSW	78	44	59	-1	0.22	1	5.15	-2.10	21	469	169	
GLENNIE 2SE	80	42	60	0	0.08	1	6.62	-1.32	21	368	90	
HALE LOUD DAM	81	45	63	1	0.09	1	7.10	0.52	23	421	105	
ONAWAY 4N	77	41	60	-2	0.06	3	5.86	-0.44	20	299	-68	
West Central LP												
MUSKEGON COUNTY AP	80	47	64	0	0.18	1	3.33	-3.83	18	642	185	
Central LP												
CENTRAL MICHIGAN UNIVERSITY	81	54	68	3	0.00	0	5.02	-2.68	14	484	43	
GLADWIN	85	46	64	1	0.12	2	4.84	-2.80	20	485	82	
MIDLAND	79	46	61	-4	0.28	1	4.21	-3.54	18	385	-102	
East Central LP												
BAD AXE	83	43	62	-1	0.08	1	7.33	0.27	25	453	67	
SAGINAW #3	84	50	65	0	0.04	1	5.15	-2.55	23	538	55	
SAGINAW MBS INTL AP	84	48	64	-2	0.25	1	3.89	-3.46	20	551	74	
VASSAR	85	38	62	-1	0.00	0	3.81	-3.83	15	305	-102	
Southwest LP												
BENTON HARBOR	75	44	60	-6	0.00	0	4.51	-3.75	22	536	-24	
DOWAGIAC 1 W	89	42	61	-4	0.03	1	5.81	-2.78	25	533	30	
GRAND RAPIDS GERALD R FORD INTL AP	85	47	64	-2	0.11	1	4.09	-4.65	22	612	63	
HOLLAND TULIP CITY AP	82	47	63	-3	0.15	1	3.98	-4.07	21	610	55	
South Central LP												
COLDWATER ST SCHOOL	83	31	59	-7	0.29	1	4.54	-4.40	16	548	28	
HASTINGS	83	43	63	-1	0.00	0	5.82	-2.81	21	517	59	
JACKSON REYNOLDS FIELD	82	38	59	-6	0.23	1	3.72	-3.38	24	406	-108	
LANSING CAPITAL CITY AP	85	44	63	-2	0.14	1	4.99	-2.68	23	627	116	
THREE RIVERS	85	45	65	-2	0.00	0	4.80	-3.93	22	629	59	
Southeast LP												
ADRIAN 2 NNE	81	41	62	-3	0.46	1	4.49	-3.96	21	561	83	
ANN ARBOR U OF MICH	84	39	62	-5	0.13	1	4.44	-3.53	26	524	-61	
CHELSEA	82	40	62	-3	0.00	0	3.88	-3.22	19	531	30	
FARMINGTON	84	49	64	-1	0.00	0	5.98	-1.28	19	535	61	
MANCHESTER	82	42	62	-3	0.00	0	4.27	-3.80	19	539	44	
PORT HURON	81	51	64	-1	0.65	1	6.51	-0.68	18	535	85	

Note:

Summary based on NOAA Regional Climate Centers (RCCs) data. Climate normals used are for the 1991-2020 period. Precipitation (rain or melted snow/ice) in inches. Air temperature in degrees fahrenheit.